



03-05-03

AF/280

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SUKAMOTO ET AL.

Examiner: J. NORRIS

Serial No.: 09/810,846

Group Art Unit: 2827

Filed: MARCH 16, 2001

Docket: 10873.675US01

Confirmation No.: 7077

Corres. and Mail

BOX AF

Due Date: MARCH 4, 2003

Title: FIXTURE, CIRCUIT BOARD WITH FIXTURE, AND ELECTRONIC-COMPONENT MOUNTED BODY AND METHOD OF MANUFACTURING THE SAME

## CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV168364960US

Date of Deposit: March 4, 2003

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box AF, Commissioner for Patents and Trademarks, Washington, D.C. 20231.

By:

Name: John Junkers

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Box AF  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Amendment Under 37 C.F.R. 1.116 Including Version With Markings To Show Changes Made
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By:

Name: Douglas P. Mueller

Reg. No.: 30,300

DMueller:JNR:PSTdb



(PTO TRANSMITTAL - GENERAL)



S/N 09/810,846

**RESPONSE UNDER 37 C.F.R. 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2827**

PATENT

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Applicant: TSUKAMOTO ET AL. Examiner: J. NORRIS  
Serial No.: 09/810,846 Group Art Unit: 2827  
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COMPONENT MOUNTED BODY AND METHOD OF  
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By: 

Name: John Jinkens

AMENDMENT UNDER 37 C.F.R. § 1.116

Box AF  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed on December 4, 2002, please enter the following amendments and remarks.

In the Claims

Please amend claims 1 and 12 as follows:

1. (Three Times Amended) A fixture, comprising:  
a base with an opening in its center portion;  
a movable pawl provided on the base for fixing an electronic component; and  
at least one pair of positioning walls for positioning the electronic component,  
wherein the at least one pair of positioning walls are inner wall faces of the base, and

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the movable pawl has a surface that faces downward and is substantially parallel with a top face of the electronic component, the surface being brought into contact with the top face of the electronic component so that the electronic component is pressed toward the base.

12. (Three Times Amended) A circuit board with a fixture, comprising:  
a fixture mounted on a circuit board, for placing an electronic component; and  
electrodes formed on the circuit board with the fixture,  
wherein the fixture comprises a movable pawl for fixing an electronic component and at least one pair of positioning walls for positioning an electronic component,  
the at least one pair of positioning walls are inner wall faces of the fixture,  
the electrodes are exposed between the at least one pair of positioning walls, and  
the movable pawl has a surface that faces downward and is substantially parallel with a top face of the electronic component, the surface being brought into contact with the top face of the electronic component so that the electronic component is pressed against the electrodes.